cycle. The history import cycle may query virtually all history imports in an order on a last success time of a history import operation where an oldest time is first on the list.

[0040] The history service may ensure a maximum number of history imports are running by querying for a count of history imports of an in progress state. If a specified number of history imports is not in service, the history service may programmatically invoke a difference to ensure fixed limits of history imports are always running. Once a history import is invoked to collect history, the history import may be in the in progress state to completion at which time the history import may return to an idle state. Upon each execution interval, the history service may read and average last N readings of CPU utilization of a host processor of the supervisor. N may be a numeral equal to or greater than one.

[0041] Any publication or patent document noted herein is hereby incorporated by reference to the same extent as if each individual publication or patent document was specifically and individually indicated to be incorporated by reference.

[0042] In the present specification, some of the matter may be of a hypothetical or prophetic nature although stated in another manner or tense.

[0043] Although the present system and/or approach has been described with respect to at least one illustrative example, many variations and modifications will become apparent to those skilled in the art upon reading the specification. It is therefore the intention that the appended claims be interpreted as broadly as possible in view of the related art to include all such variations and modifications.

What is claimed is:

1. A supervisor history service import manager comprising:

a supervisor;

a plurality of site controllers connectable to the supervisor;

a plurality of field controllers connectable to each of the plurality of site controllers; and

building equipment controlled by the plurality of field controllers; and

wherein:

the supervisor pulls history data from the site controllers as history imports;

the supervisor comprises a history service for runtime management of the history imports;

the history service reconfigures the history imports to provide the history service virtually full control over the history imports by disabling one or more items of a group comprising an invocation timer and a retry timer;

the history service runs a history import cycle to ensure that virtually all enabled history imports are performed;

the history service establishes a list of history imports to be processed at a beginning of the history import cycle; and

the history import cycle queries virtually all history imports in an order on a last success time of a history import operation where an oldest time is first on the list.

2. The manager of claim **1**, wherein:

the history service ensures a maximum number of history imports are running by querying for a count of history imports of an in progress state; and

if a specified number of history imports is not in service, the history service programmatically invokes a difference to ensure fixed limits of history imports always running.

3. The manager of claim **2**, wherein:

once a history import is invoked to collect history, the history import is in the in progress state to completion at which time the history import returns to an idle state;

upon each execution interval, the history service reads and averages last X readings of CPU utilization of a host processor of the supervisor; and

X is a numeral equal to or greater than one.

4. The manager of claim **2**, wherein:

if an average CPU of the last X readings exceeds a pre-determined threshold, then the history service decrements a number of allowable historical imports to cause the average CPU of the last X readings to decrease; and

if an average CPU of the last X readings is below the pre-determined threshold, then the history service incrementally increases the number of allowable historical imports to cause the average CPU of the last X readings to increase.

5. The manager of claim **2**, wherein upon completion of the history imports, the history import cycle ends.

6. The manager of claim **5**, wherein a new history import cycle is scheduled and the process is repeated.

7. The manager of claim **1**, wherein the history service provides monitoring views.

8. The manager of claim **7**, wherein one or more monitoring views are selected from a group comprising a number of running history imports, an average utilization time of a host processor unit of the supervisor, a time and date of a start of a current history import cycle, a time and date of a trigger of a last history import, and lists of active history imports in progress and faulted history imports.

9. The manager of claim **2**, wherein the history service provides an application programming interface that permits external applications to query the history service for operating status.

10. A supervisor history service system comprising:

a supervisor;

one or more remote site controllers connected via an intranet to the supervisor;

one or more field controllers connected to each site controller; and

building equipment connected to each field controller; and

wherein:

the supervisor pulls data from points logged with the one or more site controllers;

the supervisor has an application that has a history import for each point or group of points logged with a site controller;

the supervisor comprises a history service that configures the history imports so as to be managed by the history service;

the history service runs a scheduled history import cycle; and

the history import cycle has an interval timer.

11. The system of claim **10**, wherein a list of history imports to be processed by the history service is established at a beginning of the history import cycle.

12. The system of claim **11**, wherein the history import cycle of the history service initially queries history imports